Amendments of the Claims:

A detailed listing of all claims in the application is presented below. This listing of claims will replace all prior versions, and listings, of claims in the application. All claims being currently amended are submitted with markings to indicate the changes that have been made relative to immediate prior version of the claims. The changes in any amended claim are being shown by strikethrough (for deleted matter) or underlined (for added matter).

1. (Currently Amended) A method of delubrification of parts containing lubricant on a belt comprising:

a) heating the belt with a belt warmer before placing parts on the belt;

b) placing parts on the belt;

~~a)~~ c) moving the parts on the belt into a chamber of the furnace, the chamber having a vent for removing combustible atmosphere;

~~b)~~ d)heating the parts uniformly from underneath the belt, by forcing hot atmosphere through the belt;

~~c)~~ e)igniting unused combustible atmosphere in the chamber above the parts on the belt, using a burner; and

~~d)~~ f)allowing the atmosphere above the parts to escape through the vent.

2. (Cancelled) The method of claim 1, further comprising the step of heating the belt with a belt warmer.

3. (Currently Amended) The method of claim ~~2~~ 1, wherein the belt warmer is an electric element.

4. (Original) The method of claim 3, wherein the electric element applies heat in a range of 100°F to 1500°F.

5. (Currently Amended) The method of claim 1, further comprising a heat shield surrounding the belt warmer, at least one blower, and at least one source of hot atmosphere ~~wherein the~~

~~belt warmer, at least one blower, and at least one source of the hot atmosphere are surrounded by a heat shield~~.

6. (Original) The method of claim 5, further comprising the step of independently controlling the at least one blower and the at least on source of hot atmosphere.

7. (Original) The method of claim 5, wherein the at least one blower applies a pressure range of 5 to 100 psi and a volume range of 20 to 2000 cfm.

8. (Original) The method of claim 1, wherein the hot atmosphere has a temperature range of 400°F to 1600°F.

9. (Original) The method of claim 1, wherein the hot atmosphere is air.

10. (Original) The method of claim 1, wherein the hot atmosphere is rich in an oxidizing agent.

11. (Currently Amended) A delubrification apparatus for use with a furnace, the apparatus comprising:

~~an~~ a vented chamber for receiving a belt, carrying parts containing lubricant;

at least one plenum located beneath the belt, the plenums each having a heat source and blower to provide uniform heat to the parts on the belt; and

a burner above the parts on the belt for igniting unused combustible atmosphere in the vented chamber; and

wherein the blower of each plenum forces the atmosphere around the parts containing lubricant to exit the vented chamber through a vent.

12. (Original) The apparatus of claim 11, further comprising a belt warmer for heating the belt.

13. (Original) The apparatus of claim 12, wherein the belt warmer is surrounded by a heat shield.

14. (Original) The apparatus of claim 12, wherein the belt warmer is an electric element.

15. (Original) The apparatus of claim 14, wherein the electric element applies heat in a range of 100°F to 1500°F.

16. (Original) The apparatus of claim 11, wherein the at least one plenum is surrounded by a heat shield.

17. (Original) The apparatus of claim 11, wherein the heat source and the blower underneath the belt are independently controlled.

18. (Original) The apparatus of claim 11, wherein the heat source of the at least one plenum applies a temperature in the range of 400°F to 1600°F.

19. (Original) The apparatus of claim 11, wherein the blowers of the at least one plenum applies a pressure range of 5 to 100 psi and a volume range of 20 to 2000 cfm.

20. (Original) The apparatus of claim 11, wherein the hot atmosphere is air.

21. (Original) The apparatus of claim 11, wherein the hot atmosphere is rich in an oxidizing agent.